

DECLARATION
AND POWER OF ATTORNEY
Utility Application



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **BIOMOLECULAR ATTACHMENT SITES ON MICROELECTRONIC ARRAYS AND METHODS THEREOF** the specification of which

(Check One)

☐

is attached hereto OR

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was filed on September 30, 1999 as United States Application Serial No. 09/410,368 or PCT International Application No. _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

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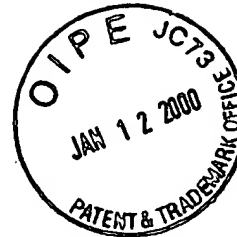
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	FULL NAME OF INVENTOR	FIRST Name John	MIDDLE Initial R.	LAST Name Havens	
INVENTOR'S SIGNATURE <u>John R. Havens</u>				DATE <u>9/29/99</u>	
201	RESIDENCE & CITIZENSHIP	City San Diego	State or Foreign Country CA	Country of Citizenship US	
	POST OFFICE ADDRESS	5628 Lamas Street	City San Diego	State or Country CA	Zip Code 92122
	FULL NAME OF INVENTOR	FIRST Name Thomas	MIDDLE Initial J.	LAST Name Onofrey	
INVENTOR'S SIGNATURE <u>Thomas J. Onofrey</u>				DATE <u>9/29/99</u>	
202	RESIDENCE & CITIZENSHIP	City San Marcos	State or Foreign Country CA	Country of Citizenship US	
	POST OFFICE ADDRESS	590 Sonoma Street	City San Marcos	State or Country CA	Zip Code 92078
	FULL NAME OF INVENTOR	FIRST Name Charles	MIDDLE Initial H.	LAST Name Greef	
INVENTOR'S SIGNATURE <u>Charles H. Greef</u>				DATE <u>9/30/99</u>	
203	RESIDENCE & CITIZENSHIP	City Ramona	State or Foreign Country CA	Country of Citizenship US	
	POST OFFICE ADDRESS	16345 Oakley Road	City Ramona	State or Country CA	Zip Code 92065
	FULL NAME OF INVENTOR	FIRST Name Gregory	MIDDLE Initial J.	LAST Name Kevorkian	
INVENTOR'S SIGNATURE _____				DATE _____	
204	RESIDENCE & CITIZENSHIP	City Temecula	State or Foreign Country CA	Country of Citizenship US	
	POST OFFICE ADDRESS	33490 Camino Piedra	City Temecula	State or Country CA	Zip Code 92529
	FULL NAME OF INVENTOR	FIRST Name Jain	MIDDLE Initial	LAST Name Krotz	
INVENTOR'S SIGNATURE <u>Jain Krotz</u>				DATE <u>9/30/99</u>	
205	RESIDENCE & CITIZENSHIP	City San Diego	State or Foreign Country CA	Country of Citizenship Indian	
	POST OFFICE ADDRESS	6913 Westleigh Place	City San Diego	State or Country CA	Zip Code 92126
	FULL NAME OF INVENTOR	FIRST Name Kristie	MIDDLE Initial L.	LAST Name Lykstad	
INVENTOR'S SIGNATURE <u>Kristie Lykstad</u>				DATE <u>9/30/99</u>	
206	RESIDENCE & CITIZENSHIP	City San Diego	State or Foreign Country CA	Country of Citizenship US	
	POST OFFICE ADDRESS	18622 Caminito Cantilena, #309	City San Diego	State or Country CA	Zip Code 92128

	FULL NAME OF INVENTOR	FIRST Name Daniel	MIDDLE Initial E.	LAST Name Raymond	
INVENTOR'S SIGNATURE <u><i>Dan Raymond</i></u>				DATE <u>9/30/99</u>	
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	POST OFFICE ADDRESS	9928 Kika Court, #2813	City San Diego	State or Country CA	Zip Code 92129
	FULL NAME OF INVENTOR	FIRST Name Howard	MIDDLE Initial R.	LAST Name Reese	
INVENTOR'S SIGNATURE <u><i>Howard R. Reese</i></u>				DATE <u>9-30-99</u>	
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	POST OFFICE ADDRESS	12604 Oak Knoll, Apt. 121	City Poway	State or Country CA	Zip Code 92064
	FULL NAME OF INVENTOR	FIRST Name Regina	MIDDLE Initial	LAST Name Rooney	
INVENTOR'S SIGNATURE <u><i>Regina Rooney</i></u>				DATE <u>10/7/99</u>	
203	RESIDENCE & CITIZENSHIP	City La Jolla	State or Foreign Country CA	Country of Citizenship US	
	POST OFFICE ADDRESS	2500 Torrey Pines Rd., #302	City La Jolla	State or Country CA	Zip Code 92037
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INVENTOR'S SIGNATURE _____				DATE _____	
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INVENTOR'S SIGNATURE			<u>Jain Krotz</u>		
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206	RESIDENCE & CITIZENSHIP	City San Diego	State or Foreign Country CA	Country of Citizenship US	
	POST OFFICE ADDRESS	18622 Caminito Cantilena, #309	City San Diego	State or Country CA	Zip Code 92128

	FULL NAME OF INVENTOR	FIRST Name Daniel	MIDDLE Initial E.	LAST Name Raymond	
INVENTOR'S SIGNATURE <u>Don Raymond</u>				DATE <u>9/30/99</u>	
201	RESIDENCE & CITIZENSHIP	City San Diego	State or Foreign Country CA	Country of Citizenship Canadian	
	POST OFFICE ADDRESS	9928 Kika Court, #2813	City San Diego	State or Country CA	Zip Code 92129
	FULL NAME OF INVENTOR	FIRST Name Howard	MIDDLE Initial R.	LAST Name Reese	
INVENTOR'S SIGNATURE <u>Howard R. Reese</u>				DATE <u>9-30-99</u>	
202	RESIDENCE & CITIZENSHIP	City Poway	State or Foreign Country CA	Country of Citizenship US	
	POST OFFICE ADDRESS	12604 Oak Knoll, Apt. 121	City Poway	State or Country CA	Zip Code 92064
	FULL NAME OF INVENTOR	FIRST Name Regina	MIDDLE Initial	LAST Name Rooney	
INVENTOR'S SIGNATURE _____				DATE _____	
203	RESIDENCE & CITIZENSHIP	City La Jolla	State or Foreign Country CA	Country of Citizenship US	
	POST OFFICE ADDRESS	2500 Torrey Pines Rd., #302	City La Jolla	State or Country CA	Zip Code 92037
	FULL NAME OF INVENTOR	FIRST Name John	MIDDLE Initial J.	LAST Name Scott	
INVENTOR'S SIGNATURE <u>John J. Scott</u>				DATE <u>10-5-99</u>	
204	RESIDENCE & CITIZENSHIP	City Lafayette	State or Foreign Country IN	Country of Citizenship US	
	POST OFFICE ADDRESS	425 South 4 th Street	City Lafayette	State or Country IN	Zip Code 47901
	FULL NAME OF INVENTOR	FIRST Name	MIDDLE Initial	LAST Name	
INVENTOR'S SIGNATURE _____				DATE _____	
205	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	POST OFFICE ADDRESS		City	State or Country	Zip Code
	FULL NAME OF INVENTOR	FIRST Name	MIDDLE Initial	LAST Name	
INVENTOR'S SIGNATURE _____				DATE _____	
206	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	POST OFFICE ADDRESS		City	State or Country	Zip Code



Applicant or Patentee: John R. Havens, Thomas J. Onofrey, Charles H. Greef, Gregory J. Kevorkian, Jain Krotz, Kristie L. Lykstad, Daniel E. Raymond, Howard R. Reese, Regina Rooney and John J. Scott
Serial or Patent No. : Not Yet Assigned
Filed or Issued: _____
For: MICROMOLECULAR ATTACHMENT SITES ON MICROELECTRONIC ARRAYS AND METHODS THEREOF

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) AND 1.27(c)) – SMALL BUSINESS CONCERN

I hereby declare that I am

- ☐ the owner of the small business concern identified below:
- ☒ an official of the small business concern empowered to act on behalf of the concern identified below:

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third-part or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled

by inventor(s) John R. Havens, Thomas J. Onofrey, Charles H. Greef, Gregory J. Kevorkian, Jain Krotz, Kristie L. Lykstad, Daniel E. Raymond, Howard R. Reese, Regina Rooney and John J. Scott

described in

- ☐ the specification filed herewith
- ☒ the application serial no. 09/410,368, filed 09/30/99.
- ☐ patent no. _____, issued _____.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).

NAME Nanogen, Inc.

ADDRESS 10398 Pacific Center Court, San Diego, CA 92121

☐ Individual ☒ Small Business Concern ☐ Nonprofit Organization

NAME _____

ADDRESS _____

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small business entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Harry J. Leonhardt, Esq.

TITLE OF PERSON SIGNING Senior Vice President, General Counsel and Secretary

ADDRESS OF PERSON SIGNING 10398 Pacific Centre Court, San Diego, CA 92121

SIGNATURE Harry J. Leonhardt DATE 11/3/99